GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:4282
ANSWERED ON:23.04.2008
DEVELOPMENT OF DUAL MODE RAMJET AND SCRAMJET COMBUSTER SYSTEM
Dhanaraju Dr. K.

Will the Minister of SPACE be pleased to state:

(a) whether any achievement has been made by ISRO in the Integrated Programme for the development of Dual Mode Ramjet (DMRJ) and Scramjet combustor system for Air Breathing Propulsion Project (ABPP); and

(b) if so, the present status of the project?

Answer

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE MINISTRY OF PERSONNEL,PUBLIC GRIEVANCES & PENSIONS(SHRI PRITHVIRAJ CHAVAN):

(a)&(b) Yes, Sir. As part of the advanced technology initiative in the area of Air-Breathing propulsion, a series of ground tests on a supersonic combustion ramjet engine have been successfully carried out. During these tests, a stable combustion has been achieved for nearly 7 seconds at supersonic speeds corresponding to an inlet mach number of 6 (i.e., six times the speed of sound).